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**From:** Pat Hunt [WaterSewerSupvr@badriver-nsn.gov]  
**Sent:** 11/5/2013 10:59:15 PM  
**To:** Maraldo, Dean [Maraldo.Dean@epa.gov]  
**Subject:** RE: Certification and Lead Operator

I know there was some support built in with the WWTP upgrade during start up and such but I'm not sure how everything is going to wash out with the bid schedules coming in so high. We are currently negotiating with the contractor and may have to shrink the scope of work due to lack of funding.

Pat

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**From:** Maraldo, Dean [mailto:Maraldo.Dean@epa.gov]  
**Sent:** Tuesday, November 05, 2013 4:56 PM  
**To:** Pat Hunt  
**Subject:** RE: Certification and Lead Operator

I thought IHS was planning on providing you with a years worth of on-site contractor training and assistance. Doesn't ring a bell? I can ask Shane tomorrow, I'm meeting him regarding another tribal facility. Thanks.

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**From:** Pat Hunt [mailto:WaterSewerSupvr@badriver-nsn.gov]  
**Sent:** Saturday, November 02, 2013 7:39 PM  
**To:** Maraldo, Dean  
**Subject:** RE: Certification and Lead Operator

Im not sure what you mean.

Pat

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**From:** Maraldo, Dean [Maraldo.Dean@epa.gov]  
**Sent:** Friday, November 01, 2013 10:38 AM  
**To:** Pat Hunt  
**Subject:** RE: Certification and Lead Operator

Pat: did your 1-year of IHS on-site operator support kick in yet? If not do you know when it will?

Thanks,  
Dean

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Dean Maraldo, Chief  
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**From:** Pat Hunt [<mailto:WaterSewerSupvr@badriver-nsn.gov>]  
**Sent:** Thursday, October 31, 2013 3:16 PM  
**To:** Maraldo, Dean  
**Subject:** RE: Certification and Lead Operator

Yes,

I have two operators at training now for activated sludge. Both will be testing out next week (Nov. 4<sup>th</sup>) in Rhinelander. One operator that already has the wastewater intro will be testing out on activated sludge and phosphorous removal. The other who already has groundwater and distribution will be testing out on intro to wastewater and activated sludge. I am planning to ask the DNR to let me know as soon as possible test results because of the extenuating circumstances.

Pat

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**From:** Maraldo, Dean [<mailto:Maraldo.Dean@epa.gov>]  
**Sent:** Thursday, October 31, 2013 12:52 PM  
**To:** Pat Hunt  
**Subject:** RE: Certification and Lead Operator

Pat: can I get an update on the operator certification process? Thanks.

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Dean Maraldo, Chief  
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**From:** Pat Hunt [<mailto:WaterSewerSupvr@badriver-nsn.gov>]  
**Sent:** Wednesday, October 09, 2013 9:02 AM  
**To:** Maraldo, Dean  
**Subject:** Certification and Lead Operator

Dean,

At this time we currently have two operators with certifications. One has the intro to wastewater and the other has ground water and distribution. These certifications were the result of taking classes last winter and testing out last May. Last September 2013 I have had one operator attend classes for intro to wastewater and one attend classes for phosphorous removal. Both operators will be attending activated sludge classes this month and will be testing out the first week in November. As a result I will have by the middle of November one operator with wastewater certification with activated sludge and groundwater and distribution and one operator with wastewater certification with activated sludge and phosphorous removal. After the first of the year both operators will be attending classes in the areas of lab, disinfection and ponds and lagoons and testing out the first week in May 2014. We have also had the blessing of the

financial assistance of IHS for most of the costs associated with getting my operators certified in the past and anticipate the same in the future.

I am also currently laying out the ground work to create a new lead operator position that will be responsible for most of the day to day operating duties including DMR's, etc. This position will be in effect by the end of November 2013 and will be occupied by the operator that has the wastewater certification with activated sludge and phosphorous removal. It is my hope that this candidate will eventually become the utility manager that will replace me permanently.

I believe that this course of action to be very proactive and aggressive in certifying both operators at the Bad River Utility.

Patrick Hunt  
Bad River Utility  
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